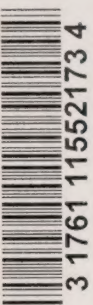


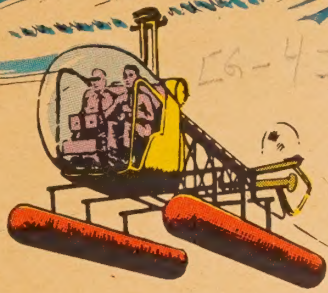
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BILL NORTHWOOD



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ONE MILLION SQUARE MILES

of Productive Forests

- Canada's productive forests cover nearly 1,000,000 square miles stretching from Atlantic to Pacific.
- More than 3,000,000,000 cubic feet of timber are cut from these forests every year.
- The products made from this timber have an annual value of nearly \$3,000,000,000.
- More than 300,000 men and women are employed in Canada's forest industries.
- Their annual payroll is about \$1,500,000,000.

The forests are Canada's most valuable renewable resource. If properly managed and protected, this living source of wealth will never die, but will continue to yield the timber we need for an increasing variety of products.

Forest management is the business of the forester; forest protection is everybody's business.

PROTECT YOUR FUTURE—PREVENT FOREST FIRES!



OF ALL THE CHALLENGES FACING THE PEOPLE OF CANADA TODAY THE NEED TO DEVELOP AN UNDERSTANDING AND CAPACITY FOR THE MANAGEMENT OF THEIR GREAT NATURAL RESOURCES MUST RANK AMONGST THE MOST CRUCIAL.

—THIS FOREST STORY DEALS WITH THE HIGHLY-SKILLED PROFESSIONALS THAT ARE NOW REQUIRED IN CANADA TO MANAGE HER RENEWABLE RESOURCES....

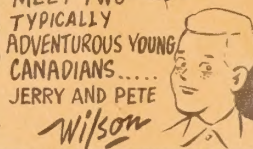


"BILL NORTHWOOD" THE PERSONIFICATION OF THE MODERN RESOURCE MANAGER, SOMEWHERE OR ANYWHERE IN CANADA, ARRIVES AT THE BEGINNING OF THE DANGEROUS 'FIRE SEASON' WHEN ACTIVITIES GO INTO HIGH GEAR..... THE DRAMATIZED AND ADVENTUROUS STORY OF "BILL NORTHWOOD" CENTRES ON A FOREST DISTRICT ORGANIZATION, COVERS THE WHOLE RANGE OF RENEWABLE RESOURCE PROBLEMS..... WATER, WILD LIFE, RECREATION, AND IS PRESENTED AS REALISTICALLY, FACTUALLY, AND AS OBJECTIVELY AS POSSIBLE..... THE BACKGROUND — THE EXCITING RESOURCE INDUSTRIES OF CANADA AND THE CHALLENGES AND THRILLS OF RESEARCH AND SCIENCE IN THE GREAT OUTDOORS.

HELLO THERE, FOLKS! MY NAME IS JACK COLLINS AND I'M A FOREST RANGER



LAST, BUT NOT LEAST, MEET TWO TYPICALLY ADVENTUROUS YOUNG CANADIANS..... JERRY AND PETE



Wilson

BILL NORTHWOOD TAKES OVER HIS NEW FOREST DISTRICT....

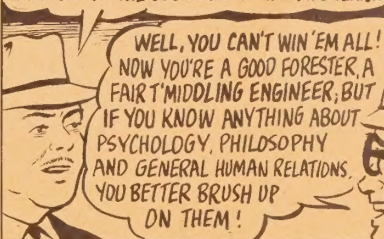
THAT'S ABOUT ALL I CAN TELL YOU, BILL, THE REST IS UP TO YOU!



THIS IS A HOT DISTRICT. WE HAVE EVERYTHING HERE - BIG INDUSTRY, RECREATION, HYDRO-ELECTRIC POTENTIAL, GRAZING - EVERYTHING YOU CAN THINK OF TO KEEP YOU ON THE HOP TWENTY-FOUR HOURS A DAY!



I KNOW IT'S GOING TO BE A TOUGH ONE, BERT, THANKS FOR ALL THE INFORMATION BUT I WISH I COULD HAVE COME AT SOME OTHER TIME THAN JUST AT THE BEGINNING OF THE 'FIRE SEASON'

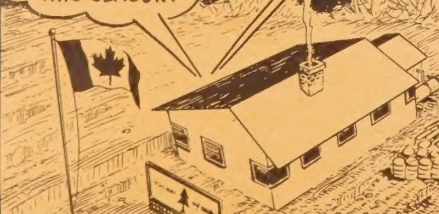


TODAY'S RESOURCE MANAGER HAS TO BE AN EXPERT IN ALL THOSE THINGS. GOOD LUCK, BILL AND I HOPE YOU HAVE A GOOD 'FIRE SEASON'!



LET'S SEE NOW, IT'S JERRY TURNER AND PETE ROSS, EH? YOU WANT A JOB AGAIN THIS SEASON?

YES, WE DO MR. COLLINS, IS MR. NORTHWOOD HERE?



NO, THE DISTRICT FORESTER IS UP IN THE 'CHOPPER' LOOKING OVER HIS NEW DISTRICT - HOWEVER WE'LL BE GLAD TO TAKE YOU ON AROUND THE STATION HERE AND IN THE WAREHOUSE AFTER SCHOOL



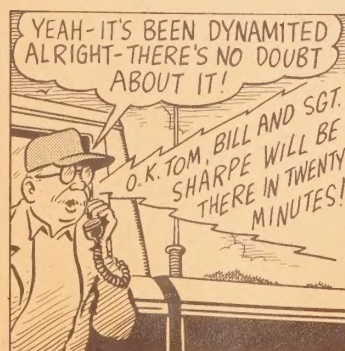
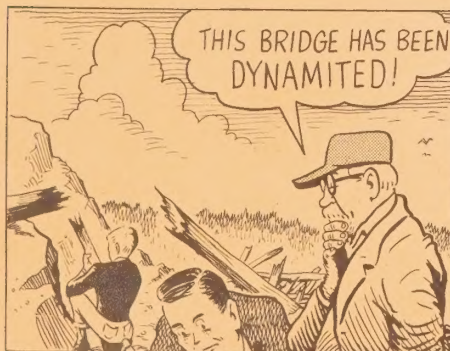
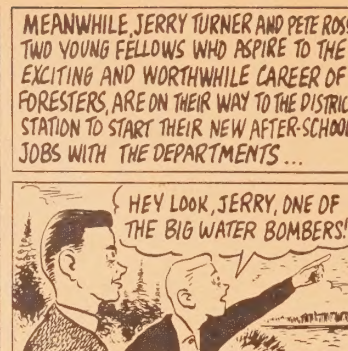
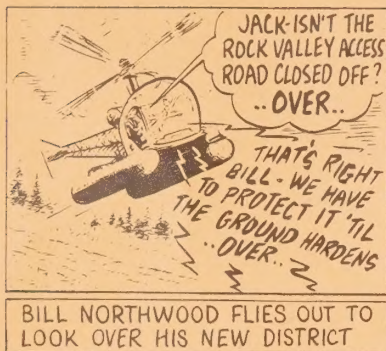
THAT'S GREAT, RANGER COLLINS, THANKS A LOT!

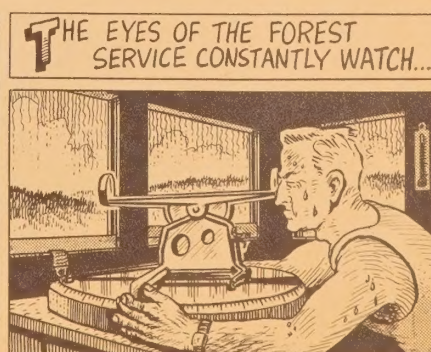
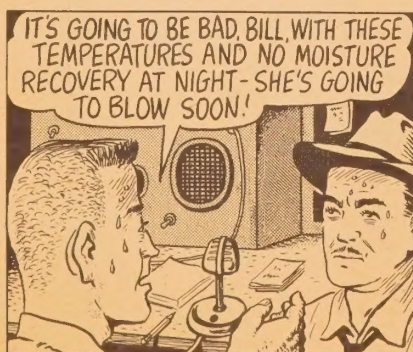
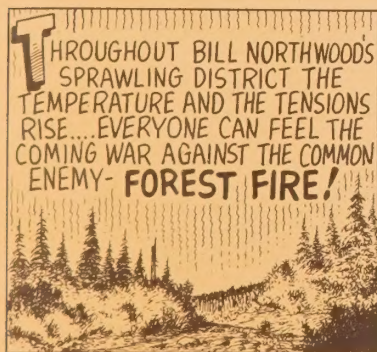
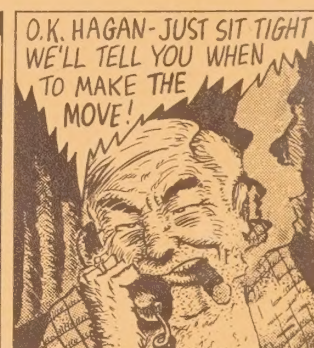
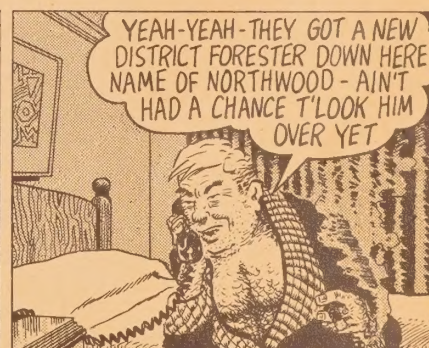
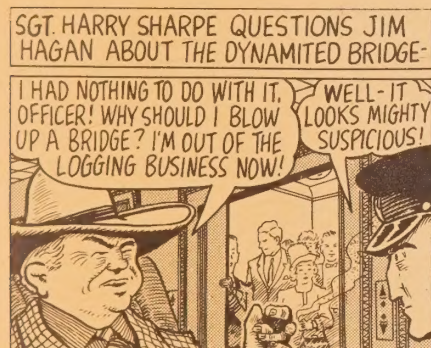
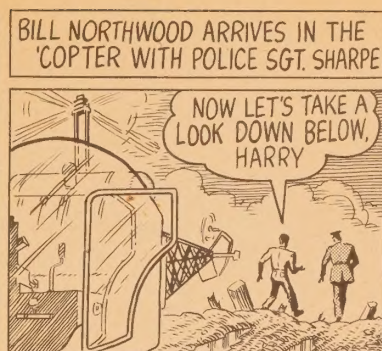
ALRIGHT, BOYS, BE HERE SAME TIME NEXT WEEK READY FOR WORK!



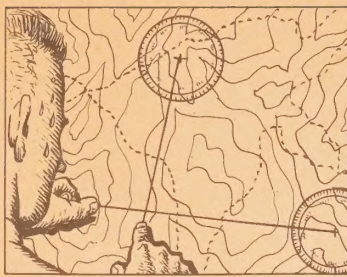
READ YOU O.K. - BILL, GO AHEAD!



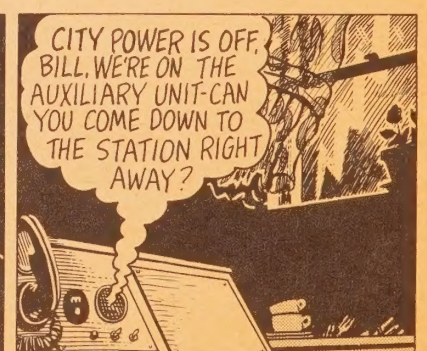
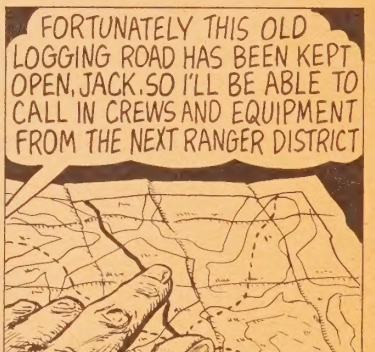
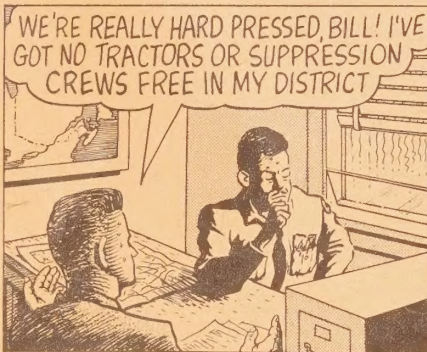




HEADQUARTERS' RADIO PICKS UP AIR PATROL FIRE REPORT...



RANGER COLLINS GETS POSITION ON FIRE FROM TWO OF HIS LOOKOUTS



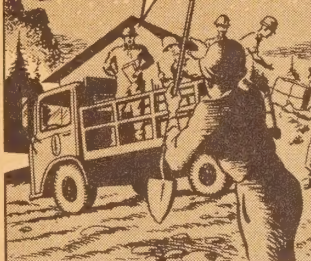
MIDNIGHT... NORTHWOOD ARRIVES AT FOREST HEADQUARTERS

WHERE IS THE WORST TROUBLE?

EVERYWHERE! BUT MOSTLY AT THE FORKS, BILL! I'VE CALLED THE FIRE BOSSES!



STEP ON IT, MEN! WE'VE GOT FIFTEEN MILES TO THE FIRE!

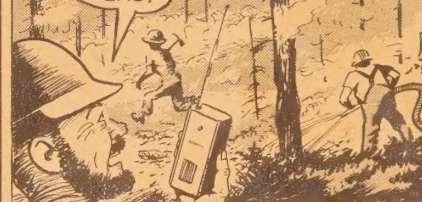


DAWN! CREW BEGINS SURVEY OF FIRE SCENE



A FEW HOURS LATER....

'CALLING FIRE BOSS... IT'S RUNNING AWAY AT THIS END!



CALLING HEADQUARTERS! IF WE DON'T GET HELP, WE'VE LOST THIS ONE! THE WIND IS UP AND THE SLASH IS BURNING LIKE MAD! OVER



HEADQUARTERS! COLLINS TO FIRE BOSS-WE'RE SENDING TWO BULLDOZERS AND SOME MEN.... THE WATER BOMBER IS JUST ABOUT THERE NOW



BULLDOZERS RUSH IN TO CUT OFF THE FIRE



WE CAN'T HOLD IT! LET'S GET OUT OF HERE!



DESPITE ALL AVAILABLE HELP, FIRE STILL RAGES IN THE FOREST-WHILE AT HEADQUARTERS..

THIS IS THE WORST I'VE SEEN, BILL- LUCKY TO HAVE OUTFITS LIKE ACME LOGGING AND JOHNSON LUMBER IN THIS DISTRICT! I'VE CALLED JOHNSON



I'M OLIE JOHNSON, MR. NORTHWOOD- USE ALL MY MEN AND EQUIPMENT



PATROL 'COPTER TO FIRE BOSS! DROPPING PHOTO OF FIRE SCENE



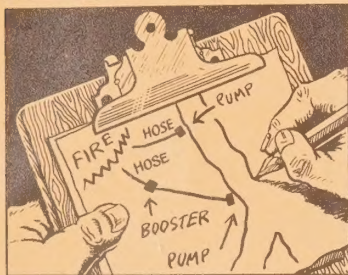
WOW! AN INSTANT PICTURE OF THE WHOLE FIRE!



HOPE THE FOOD ARRIVES SOON! I'M STARVED!



THE FIRE BOSS MAKES ROUGH SKETCH OF FIRE LOCATION...



WE NEED MORE HOSE AND PUMPS TO HOLD THE FIRE!



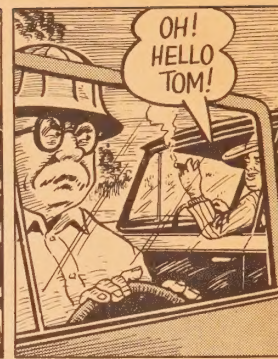
BILL NORTHWOOD HURRIES TO THE FIRE WITH TOM DRURY. A BLACK STATION WAGON APPROACHES....



HOW DID YOU GET HERE? THE WOODS ARE CLOSED!



I TAKE IT YOU'RE NORTHWOOD, THE NEW DISTRICT FORESTER-HAGAN'S MY NAME



OH! HELLO TOM!



HAGAN, EH? SGT. SHARPE WAS QUESTIONING YOU ABOUT THE BRIDGE THAT WAS BLOWN UP!



AW-YOU'VE BEEN LISTENIN' TO OL' TOM HERE! THIS FIRE'S ON MY OLD OPERATIONS... I'LL GIVE YOU A HAND!



O.K. I GUESS-WE'RE DESPERATE! BUT NO SMOKING IN THE WOODS



HE MAY BE A GOOD FIRE BOSS-BUT I WOULDN'T TRUST HIM!

FIRE TOWER CALLS IN WEATHER REPORT

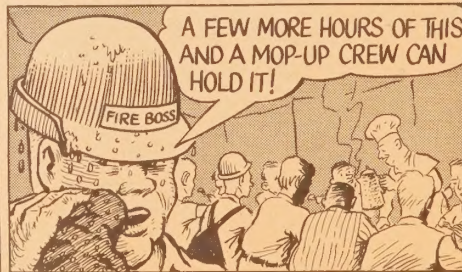


RAIN! MAYBE IT'LL LICK THE FIRE AT THE FORKS



I'M FLYING INTO A DOWNPOUR! LOOKS GREAT! IT'S COMING DOWN HEAVY!

THE FIRE CREW ENJOY THEIR FIRST UNHURRIED MEAL IN MANY DAYS...



A FEW MORE HOURS OF THIS AND A MOP-UP CREW CAN HOLD IT!

HEADQUARTERS....



I'M SURE GLAD! BUT WE'VE LOST PLENTY OF GOOD YOUNG TIMBER!

FORKS FIRE SITUATION GOOD NOW

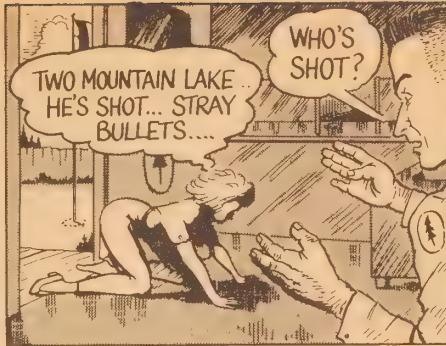
AFTER THE
BAD FIRE
THINGS ARE
RETURNING
TO NORMAL
AT FOREST
HEADQUARTERS
UNTIL.....

HELP



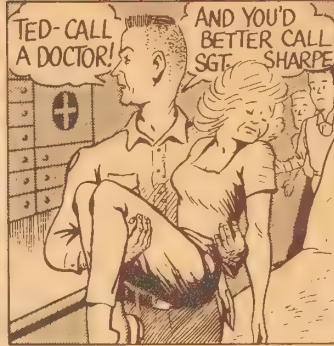
TWO MOUNTAIN LAKE
HE'S SHOT... STRAY
BULLETS....

WHO'S
SHOT?



TED- CALL
A DOCTOR!

AND YOU'D
BETTER CALL
SGT. SHARPE



HE'S SHOT
... DEAD!

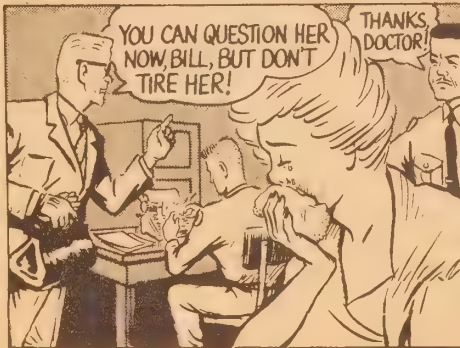


BOYS! SEE IF
YOU CAN FIND
MR. NORTHWOOD
HURRY!



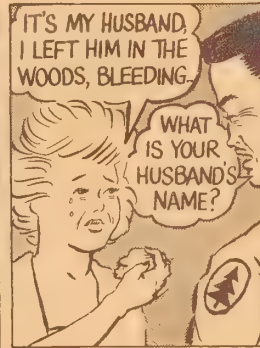
YOU CAN QUESTION HER
NOW, BILL, BUT DON'T
TIRE HER!

THANKS
DOCTOR!



IT'S MY HUSBAND,
I LEFT HIM IN THE
WOODS, BLEEDING.

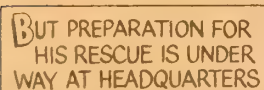
WHAT
IS YOUR
HUSBAND'S
NAME?



DEEP IN THE WOODS, HERB STARK,
SCIENTIST, LIES BLEEDING AND NEAR DEATH...



BUT PREPARATION FOR
HIS RESCUE IS UNDER
WAY AT HEADQUARTERS



DON'T WORRY MRS STARK,
WE'LL GET TO YOUR
HUSBAND!

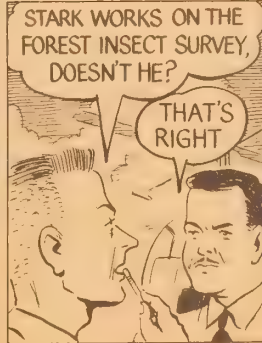


ALRIGHT YOU FELLOWS!
TAKE THE PICK-UP TRUCK



STARK WORKS ON THE
FOREST INSECT SURVEY,
DOESN'T HE?

THAT'S
RIGHT



YOU BETTER GO IN THE
HELICOPTER
DOCTOR!



HOPE WE REACH THAT MAN
SOON, SERGEANT!



THE SEARCH IS ON FOR WOUNDED ENTOMOLOGIST HERB STARK...

WHAT'S AN ENTOMOLOGIST, MR. NORTHWOOD?

A SCIENTIST WHO STUDIES INSECTS, PETE

INSECTS KILL ABOUT 750,000,000 CUBIC FEET OF CANADIAN TIMBER ANNUALLY!

MRS. STARK ACCOMPANIES THE DOCTOR AND RANGER COLLINS AS THE AIR SEARCH BEGINS...

IT'S AROUND HERE SOMEWHERE!

MEANWHILE WITH THE GROUND SEARCH PARTY...

SERGEANT SHARPE! MR. NORTHWOOD! OVER HERE, HURRY PLEASE!

THE GROUND PARTY HAS SPOTTED WOUNDED SCIENTIST STARK... THE COPTER HOVERS ABOVE A CLIFF....

YOU CAN GO DOWN THE LADDER TO HIM NOW, DOCTOR, I'M LOWERING THE STRETCHER

HE'LL NEED A TRANSFUSION, FAST!

HE'S ALIVE, MRS. STARK! WE'LL DO EVERYTHING WE CAN

WHEN I LAND ON THE BLUFF CAN YOU FELLOWS STRAP THE STRETCHER ON THE PONTOON

THANK HEAVEN!

THREE WEEKS AFTER HIS NEAR FATAL ACCIDENT SCIENTIST HERB STARK VISITS FOREST HEADQUARTERS WITH MRS. STARK

DO YOU KNOW WHO SHOT YOU YET?

SGT. SHARPE SAYS IT MUST HAVE BEEN A STRAY BULLET!

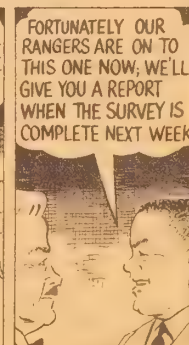
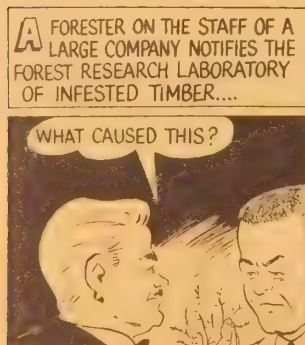
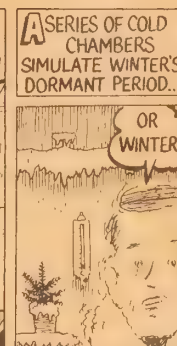
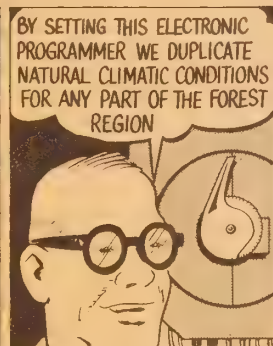
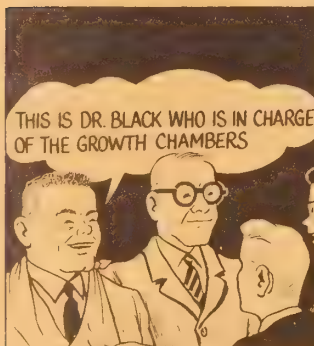
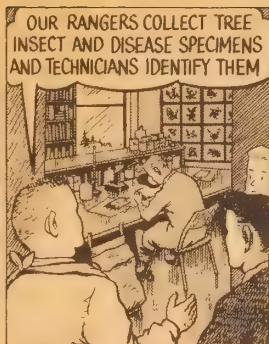
HMMMPH! - LOTS OF THOSE AROUND AT THIS SEASON OF THE YEAR

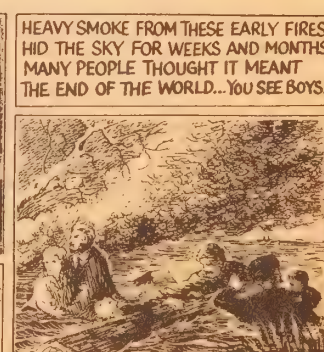
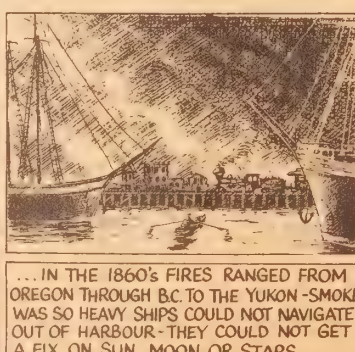
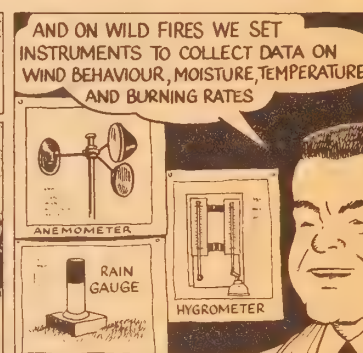
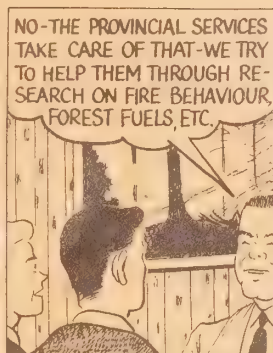
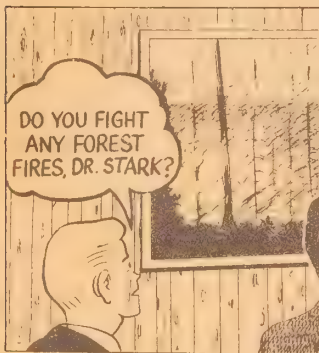
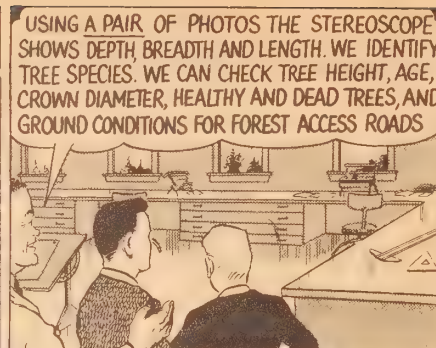
MY BROKEN COLLAR BONE HURTS MORE THAN THE BULLET WOUND. I'VE FINISHED MY FIELD WORK FOR THE INSECT SURVEY AND I'M GOING BACK TO CAPITAL CITY! WE'RE SURE GRATEFUL TO PETE AND JERRY WHO FOUND ME!

HOW'D YOU LIKE TO VISIT THE FOREST RESEARCH LAB AS MY GUESTS?

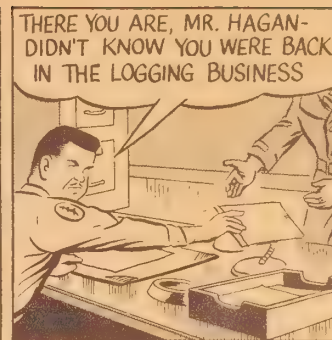
GREAT!

WOW!





MEANWHILE, HAGAN MAKES HIS MOVE...



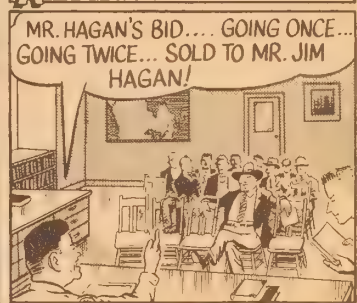
INTERESTED LOGGERS GATHER TO BID ON THE BIG TIMBER SALE...



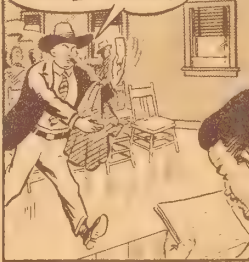
MIGHT AS WELL PACK IT UP BOYS! I'VE GOT THIS ONE SEWED UP!



AFTER AN HOUR OF HOT BIDDING...



HERE'S YOUR DEPOSIT, NORTHWOOD AND THERE'S MORE COMING!



DON'T LIKE SEEING HAGAN BACK HERE IN BUSINESS!



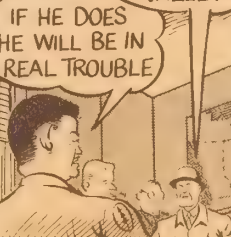
HAGAN'S SUCCESSFUL BID PUZZLES AND WORRIES THE OTHER LOGGERS....



AT THE PRICES HAGAN BID, HE CAN NEVER MAKE A PROFIT



THE WAY HE WORKS, HE'S SURE TO CUT OFF MY OPERATION IN THE VALLEY



I HOPE YOU KEEP A SHARP EYE ON HIM, BILL; WHERE'S HE GETTING THIS KIND OF MONEY? SOMEBODY IS BANKROLLING HIM!



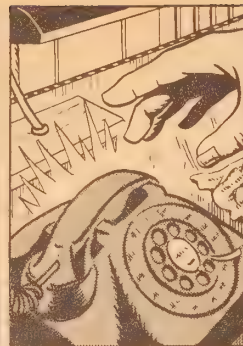
I WONDER WHO THAT COULD BE?



IN A LUXURIOUS OFFICE FAR FROM FOREST HEADQUARTERS...



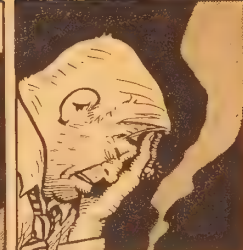
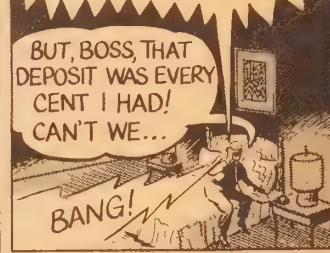
HE MUST BE OUT OF HIS MIND!



WELL, I SWUNG IT FOR YOU BOSS! WHEN CAN WE MOVE IN?

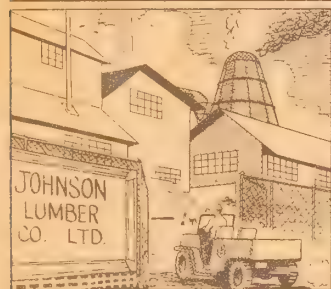


AT THOSE PRICES? HOW STUPID CAN YOU GET? WE COULDN'T MAKE A NICKEL ON IT!



THE FAST OPERATOR HAS OUTSMARTED HIMSELF!

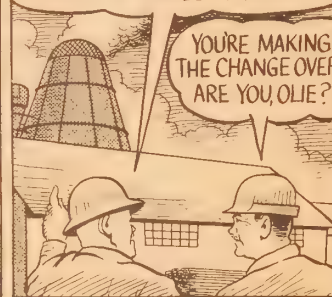
BILL NORTHWOOD VISITS A MODERN LUMBER MILL IN HIS DISTRICT.



GLAD YOU DROPPED AROUND, BILL—SOMETHING I WANT TO SHOW YOU!



SEE THAT BURNER? IT'LL BE GONE IN THREE WEEKS



YOU BET! WE'RE CONVERTING TO USE OUR WASTE. CHIPS, SLABS, EDGINGS CAN ALL BE USED NOWADAYS!



YOU'RE RIGHT, OLIE; NO USE WASTING MATERIAL YOU HAVE TO PAY STUMPAGE FOR!



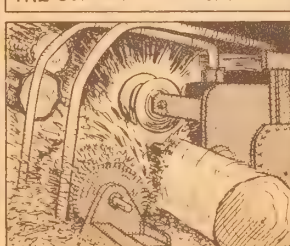
OLIE JOHNSON EXPLAINS TO BILL NORTHWOOD HOW THE MILL IS BEING MODERNIZED.



WHEN THE LOGS ENTER THE MILL THEY ARE DE-BARKED!



ON LEAVING THE DEBARKING MACHINE THEY ARE SELECTED FOR PEELERS AND SAWLOGS. THE CULLS WE CAN CHIP

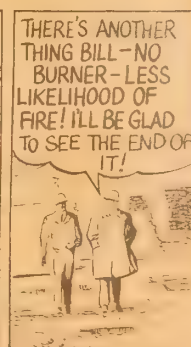
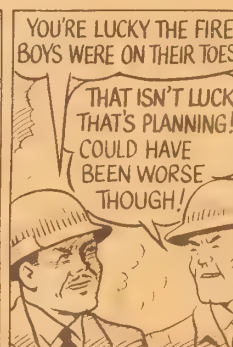
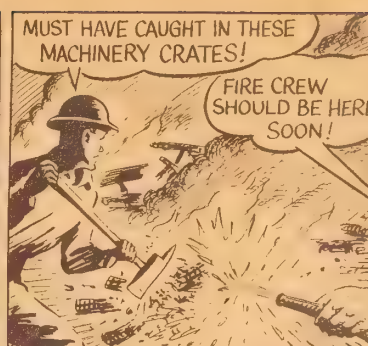
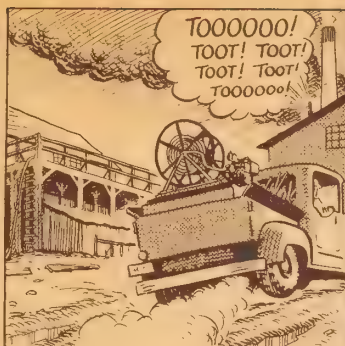


THIS GIVES US THREE SPECIAL PRODUCTS AND WE CAN GET THE BEST PRICE FOR EACH

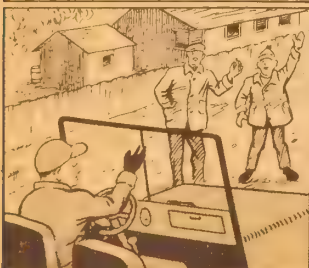


ABSOLUTELY, BILL! WE'RE VERY ENTHUSIASTIC ABOUT THE FUTURE. THE PEELER LOGS WE SELL TO THE PLYWOOD PLANTS—CHIPS TO THE PULP MILLS—THE SAW LOGS WE CUT INTO LUMBER AND SELL OURSELVES.





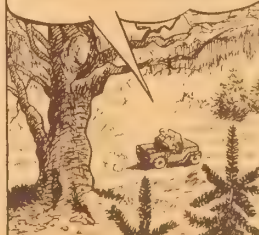
A FEW WEEKS LATER,BILL NORTHWOOD TAKES JERRY AND PETE TO SEE A CHRISTMAS TREE FARM.



MY DAD THINKS THEY SHOULD LET CHRISTMAS TREES GROW TO PULPWOOD AND TIMBER SIZE - WHY DON'T THEY, MR. NORTHWOOD?



BECAUSE CHRISTMAS TREE OPERATIONS SHOULD BE RESTRICTED TO LOW QUALITY LAND - YOU SEE BOYS....



...THE TREES GROW SLOWER AND GAIN BETTER SHAPE ON LOW-GRADE LAND UNSUITED FOR PRODUCTION OF SAW-LOG SIZE TREES



PROPERLY MANAGED CHRISTMAS TREE OPERATIONS REPRESENT THE BEST ECONOMIC USE FOR THIS KIND OF LAND



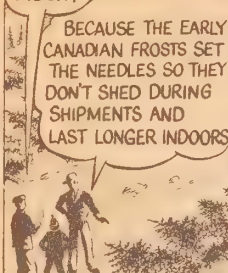
WHERE DO MOST OF THESE TREES GO, MR. NORTHWOOD?



THE UNITED STATES, CHIEFLY; WE SUPPLY ABOUT 25% OF ALL THE CHRISTMAS TREES THEY USE



WHY DO THEY LIKE CANADIAN TREES SO MUCH?



BECAUSE THE EARLY CANADIAN FROSTS SET THE NEEDLES SO THEY DON'T SHED DURING SHIPMENTS AND LAST LONGER INDOORS

SEE - HERE'S A GOOD CHRISTMAS TREE



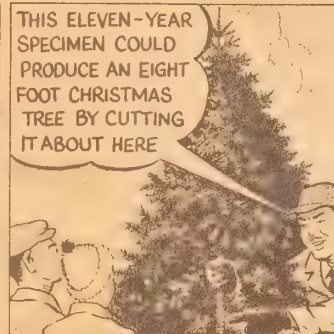
IT HAS DENSE FOLIAGE, DEEP GREEN COLOUR AND A SYMMETRICAL AND TAPERING FORM



MOST OF CANADA'S EXPORT TREES COME FROM NOVA SCOTIA, QUEBEC, BRITISH COLUMBIA AND NEW BRUNSWICK - ABOUT TWELVE MILLION TREES A YEAR



WITH CAREFUL THINNING AND PRUNING A CHRISTMAS TREE OPERATION CAN YIELD FRESH TREES EVERY YEAR....



THIS ELEVEN-YEAR SPECIMEN COULD PRODUCE AN EIGHT FOOT CHRISTMAS TREE BY CUTTING IT ABOUT HERE

BY PRUNING, THEY GET THREE MORE TREES OFF THE SAME STEM WITHIN THE NEXT FEW YEARS



AH, THERE'S A MAN I WANT TO SEE

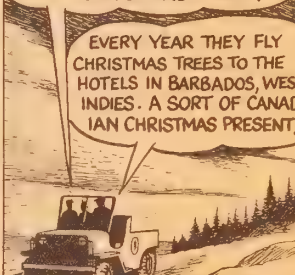


HOW IS THAT AIR CANADA SHIPMENT COMING, GEORGE?



PRETTY NEARLY FINISHED - WE'LL HAVE IT READY FOR THEM TOMORROW

WHAT DOES AIR CANADA WANT WITH CHRISTMAS TREES?



EVERY YEAR THEY FLY CHRISTMAS TREES TO THE HOTELS IN BARBADOS, WEST INDIES. A SORT OF CANADIAN CHRISTMAS PRESENT!

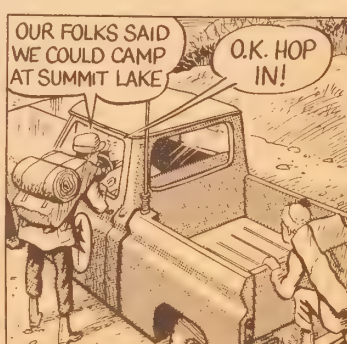
WITH THE ARRIVAL OF SPRING, JERRY AND PETE SET OFF FOR A WEEKEND CAMPING TRIP.



MAYBE WE CAN GET A RIDE!



HI! MR. COLLINS! WHERE YOU HEADED FOR?

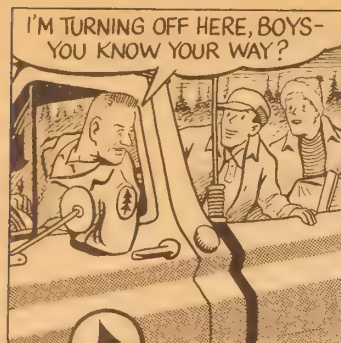


OUR FOLKS SAID WE COULD CAMP AT SUMMIT LAKE

O.K. HOP IN!



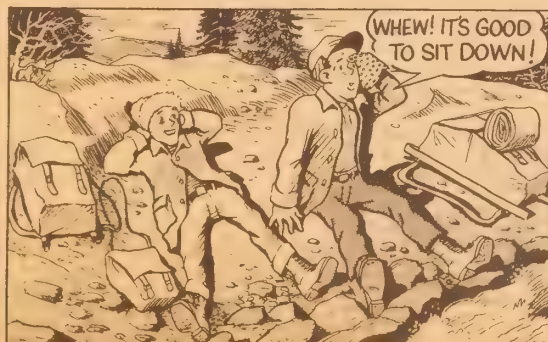
I CAN TAKE YOU PART WAY



AS THE BOYS CONTINUE THEIR HIKE NATURE IS
RE-AWAKENING ALL AROUND THEM.....



HIGH IN
THE
MOUNTAINS
THE BOYS
TAKE A REST..



BETTER KEEP GOING-IT'S STILL
A LONG WAY TO THE LAKE



WE CAN CROSS
HERE, PETE!



JERRY!



HELP!



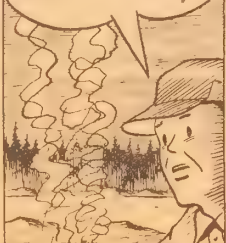
GOT TO GET YOU
DRIED OFF -FAST!



JERRY RETURNS FROM SCOUTING THE AREA.



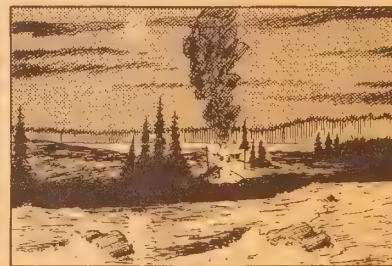
THE RIVER'S ON
BOTH SIDES OF US.
WE'RE CUT OFF!



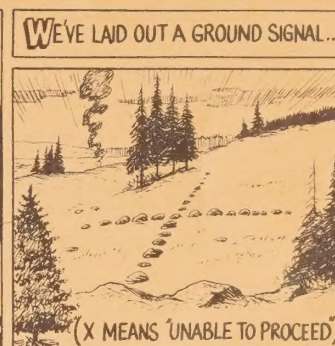
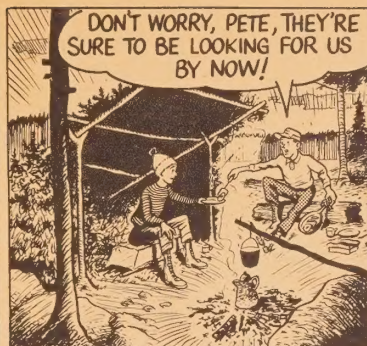
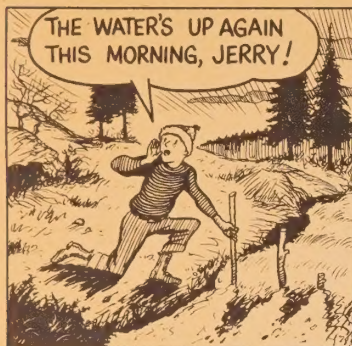
WHAT ARE WE GOING
TO DO? IT'S GETTING
DARK-LET'S GET OUT
OF HERE!



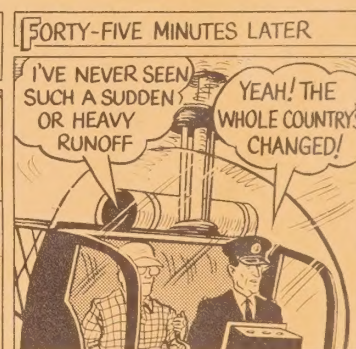
NO! OUR BEST BET
IS TO SPEND THE NIGHT
HERE-REST-KEEP WARM
AND DRY!



A PLEASANT HIKE HAS SUDDENLY BECOME
A THREATENING SITUATION



WITH THE BOYS OVERDUE
RANGER COLLINS ORGANIZES
A SEARCH PARTY.....





CANADIAN FORESTRY

has exciting Careers for YOU!

WOULD *you* LIKE TO BE

A **FOREST RANGER**

FORESTRY OFFICER

OR **FOREST RESEARCHER**

OR ONE OF THE MANY OTHER *important people*

WHO PROTECT AND DEVELOP **CANADA'S FORESTS?**

BOOKLETS AND PAMPHLETS
ALL ABOUT FORESTRY ARE
YOURS FOR THE ASKING

YOUR TEACHERS CAN OBTAIN
MANY FORESTRY FILMS
TO SHOW YOU

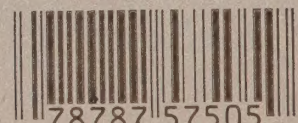
WRITE TO THE **DEPARTMENT OF LANDS, FORESTS OR NATURAL RESOURCES**
IN YOUR PROVINCE, OR TO THE **FORESTRY INFORMATION SERVICE,**
DEPARTMENT OF FORESTRY AND RURAL DEVELOPMENT, OTTAWA.

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